GEORGIA INSTITUTE OF TECHNOLOGY OFFICE OF CONTRACT ADMINISTRATION

PROJECT ADMINISTRATION DATA SHEET

[X] ORIGINAL

[ ] REVISION NO. ____

Project No. E-21-E36 (sub-project under E-21-E00/Paris/EE) DATE: 4/2/81

Project Director: Dr. D. T. Paris School/Lab Electrical Engineering

Sponsor: Naval Coastal Systems Command; Panama City, FL 32407

Type Agreement: Contract No. N00612-79-C-6004, Delivery Order HR-36

Award Period: From 3/16/81 To 1/15/82 (Performance) 1/15/82 (Reports)

Sponsor Amount: $40,873 Contracted through:

Cost Sharing: N/A GTRI/GXXX

Title: Research in Developing a Simple Yet More Accurate, Method of Calculating C_{L_d} Near d=o for Bodies of Revolution

ADMINISTRATIVE DATA OCA CONTACT L. R. Scott

1) Sponsor Technical Contact:

2) Sponsor Admin./Contractual Contact: ONR Resident Representative, Georgia Tech

Reports: See Deliverable Schedule Security Classification: N/A

Defense Priority Rating: DO-C 9 under DMS Reg. 1

RESTRICTIONS

See Attached Gov't Contract Supplemental Information Sheet for Additional Requirements.

Travel: Foreign travel must have prior approval - Contact OCA in each case. Domestic travel requires sponsor approval where total will exceed greater of $500 or 125% of approved proposal budget category.

Equipment: Title vests with Gov't; except that items costing less than $1K vest with GIT upon acquisition if prior approval to purchase is obtained from Contracting Officer

COMMENTS:

COPIES TO:

Administrative Coordinator
Research Property Management
Accounting Office
Procurement Office
Research Security Services
Reports Coordinator (OCA)
Legal Services (OCA)
Library, Technical Reports
EES Research Public Relations (
Project File (OCA)
Other:

GEORGIA INSTITUTE OF TECHNOLOGY OFFICE OF CONTRACT ADMINISTRATION

SPONSORED PROJECT TERMINATION SHEET

Date 5/4/83

Project Title: Research in Developing a Simple Yet More Accurate, Method of Calculating CLd Near d=o for Bodies of Revolution
Project No: E-21-E36 (sub. under E-21-E00/Paris/EE)

Project Director: Dr. D. T. Paris

Sponsor: Naval Coastal Systems Command; Panama City, FL 32407

Effective Termination Date: 1/15/82

Clearance of Accounting Charges: 1/15/82

Grant/Contract Closeout Actions Remaining:

- [x] Final Invoice ~~and Closing Documents~~
- [ ] Final Fiscal Report
- [x] Final Report of Inventions
- [x] Govt. Property Inventory & Related Certificate
- [ ] Classified Material Certificate
- [ ] Other _____

Assigned to: Elect. Engr. (School/~~Laboratory~~)

COPIES TO:

Administrative Coordinator	Research Security Services	EES Public Relations (2)
Research Property Management	Reports Coordinator (OCA)	Computer Input
Accounting	Legal Services (OCA)	Project File
Procurement/EES Supply Services	Library	Other Paris

NAVAL COASTAL SYSTEMS CENTER
OMNIBUS R&D PROGRAM
CONTRACT NO. N00612-79-C-8004

Bimonthly Status Report

Order Number: HR-24 (36) Title: Development of Transfer Functions

Task Leader: F. O. Smetana

Institution: N. C. State University

A. SUMMARY STATEMENT OF WORK COMPLETED DURING THE PAST TWO MONTHS

Programming of the matrix formulation expressions has continued. Spatial averaging techniques have been both programmed and averaged externally to the program. Extraction of the transfer functions continues.

B. WORK SCHEDULE STATUS

N/A

C. BRIEF STATEMENT OF PLANNED WORK FOR THE NEXT TWO MONTHS

We plan to continue to work on extracting transfer functions.

D. PROBLEM AREAS

Computer turn-around is a problem.

E. FUNDS EXPENDED

To Date: $23,187

This Two Month Period: 0.00

Funds Remaining: 0.00

Percent of Funds Expended: 100%

Percent of Task Completed: 95%

NAVAL COASTAL SYSTEMS CENTER
OMNIBUS R&D PROGRAM
CONTRACT NO. N00612-79-C-8004

Bimonthly Status Report

Order Number: HR 36 ~~24~~ Title: Development of Transfer Functions

Task Leader: F. O. Smetana

Institution: N. C. State University

A. SUMMARY STATEMENT OF WORK COMPLETED DURING THE PAST TWO MONTHS

The matrix formulation expressions for the tension and stains have been coded. Expression for the tension in the longitudinal x and z equations have also been coded and a matrix formulation of "pseudo-separation of variables" is programmed. Spatial averaging on these equations has been performed choosing the modal functions as sin $(n\pi s_*/L_*)$. Extraction of transfer functions from these spatially-averaged equations now in the laplace domain only has begun.

B. WORK SCHEDULE STATUS

n/a

C. BRIEF STATEMENT OF PLANNED WORK FOR THE NEXT TWO MONTHS

We plan to continue work on extracting transfer functions.

D. PROBLEM AREAS

Computer turn-around is becoming a slight problem.

E. FUNDS EXPENDED

To Date: $23,187

This Two Month Period: 0.00

Funds Remaining: 0.00

Percent of Funds Expended: 100%

Percent of Task Completed: 90%